

Notice of Allowability

Application No.

10/627,516

Examiner

Phuongchi Nguyen

Applicant(s)

HUSSAIN ET AL.

Art Unit

2833

(m)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment of April 21, 2005.
2. ☒ The allowed claim(s) is/are 1, 7-15 and 21-35.
3. ☒ The drawings filed on 25 July 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 12/23/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Gary Paumen
Primary Examiner

EXAMINERS AMENDMENT AND REASONS FOR ALLOWANCE

1. Applicant's amendment of April 21, 2005 is acknowledged. It is noted that claims 1, 7-12, 15 and 21-27 are amended. Claims 2-6 and 16-20 are canceled. New claims 28-35 are amended.
2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ms. Monica H. Choi on May 25, 2005.

3. The application has been amended as follows:

Claim 7, lines 3-4, "a whole of" has been inserted in between "as" and "the pin".

Claim 7, line 4, "completely " has been inserted in between "is" and "inserted therein".

Claim 8, line 1, "7 " has been replaced by -- 1 --.

Claim 9, line 1, "7 " has been replaced by -- 1 --.

Claim 10, line 1, "7 " has been replaced by -- 1 --.

Claim 11, line 1, "7 " has been replaced by -- 1 --.

Claim 12, line 3, "a whole of" has been inserted in between "as" and "the pin".

Claim 12, line 4, "completely " has been inserted in between "is" and "inserted into".

Claim 21, line 3, "a whole of" has been inserted in between "as" and "the pin".

Claim 21, line 4, "completely " has been inserted in between "is" and "inserted into".

Claim 22, line 1, "21 " has been replaced by -- 15 --.

Art Unit: 2833

Claim 23, line 1, "21 " has been replaced by -- 15 --.

Claim 24, line 1, "21 " has been replaced by -- 15 --.

Claim 25, line 1, "21 " has been replaced by -- 15 --.

Claim 26, line 1, "21 " has been replaced by -- 15 --.

Claim 27, line 1, "21 " has been replaced by -- 15 --.

Claim 30, line 1, "7 " has been replaced by -- 1 --.

Claim 31, line 1, "7 " has been replaced by -- 1 --.

Claim 34, line 1, "21 " has been replaced by -- 15 --.

Claim 35, line 1, "21 " has been replaced by -- 15 --.

4. Claims 1, 7-15 and 21-35 are allowed.

5. The following is an examiner's statement of reasons for allowance: In regard to claims 1 and 15, the prior art fails to teach or suggest a socket system for coupling a pin of an IC device to a contact pad of a circuit board, comprising a zif opening on a socket that asserts substantially zero force as when a whole of the pin of the IC device is completely inserted within the zif opening, a compression mount lead disposed on the socket, wherein a compression mechanism compresses the compression mount lead against the contact pad of the circuit board with a compressive force; and a (an other) mechanism for coupling the pin to the compression mount lead.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Art Unit: 2833

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuongchi Nguyen whose telephone number is (571) 272-2012. The examiner can normally be reached on 8:00AM-4:00PM.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PCN

May 24, 2005



Gary Paumen
Primary Examiner